

## **ABSTRACT**

Disclosed is a write-once optical disc and method for managing a spare area thereof, the write-once optical disc possibly having a temporary defect management area within one or more spare areas. The method includes the steps of: allocating one or more spare areas including the temporary defect management area at an initial status of the optical disc; and during use of the optical disc, expanding the spare area allocated including the temporary defect management area to set a new spare area. By employing the above optical disc and method, it becomes possible to establish unified regulations on the structures of the spare area and temporary defect management area applicable to the write-once optical disc, so that usage efficiency of the optical disc can be improved.